MAC 2233.  Calculus for Business.
Instructor:  Shore, Office: AcI 386.  Tel. and voicemail 305-919-5921
Email:  shorem@fiu.edu,  Web Page:  www.fiu.edu/~shorem
Office hours:  MW 1100-1230 and 1430-1530
TR  1200-1300 and 1500-1600

Tutoring:  a) Tutors designated by the Math department, AcI 374
(The hours will be announced in class)
b)  Learning Center AcI 160, Tel.305-919-5927

Text: Hoffmann and Bradley 'Calculus for Business,

A good working knowledge of algebra is essential for your success in Calculus for Business.  It will be a
good idea if you refresh your knowledge of algebra (especially in the areas of factoring, solving linear
and quadratic equations, and most importantly - exponential and logarithmic functions) during the first
1-2 weeks of classes.  You may find a brief review of algebra in the end of the book, in Appendix.

Chapters to cover:  1.1-1.4 (briefly), 1.5-1.6, 2.1-2.5, 3.1-3.5,
4 (section 4.4 briefly), 5.1-5.5, 6.1, 7.1 (briefly), 7.2, 7.3

Testing:

2 major exams, 4 quizzes, and the final exam.
Exam 1 will include Chapters 1-3.4.  Exam 2 will include chapters 4.1-6.1
The remaining sections will go directly into the final exam.  Some changes could be made in the
content of each exam.
Quizzes will be based on current material.  They will be announced in advance allowing sufficient time
for preparation.  Homework and Participation will also contribute to your final score.

Homework, Attendance, Make ups:
Each student will have his/her homework graded (as Pass or Fail) at least three times during the
semester, on random occasions.  Attendance will be checked indirectly while calling your name for a
homework check.  If you miss a class due to illness or equally important reason, it is your responsibility
to find out the material covered in class and the homework assignment.  Volunteer to turn in
your homework for the day(s) you miss.
No make ups for exams or quizzes unless you missed one of those due to a circumstance absolutely
beyond your control.  Moreover, you have to notify me by phone or email in
advance and present medical (or other) documentation.
NO NOTIFICATION=NO MAKE UP.

Final exam is cumulative and mandatory.
Grading (assuming that work is perfect):
100 for each exam including the final, 11 for each quiz (that is 44 for all four quizzes), and 6 points for homework and participation. In order to earn the 6 points for homework, you must be able to present a sufficiently good homework every time when your name is called.

*Homework grade is not an extra-credit but part of your actual grade.*

**Formula to compute your final grade:**

**Note:** If your work is perfect then the total of Exams 1 and 2 + 4 quizzes + Homework=250
(The 4 quizzes and homework amount together to 50 points or \( \frac{1}{2} \) of a test, as if there were 2.5 tests not counting the final).
First we will calculate the Test Average as

\[
\text{Test Average} = \frac{\text{Exam 1} + \text{Exam 2} + 4 \text{ quizzes} + \text{Homework}}{2.5}
\]

Now let us calculate the numerical Final Grade

\[
\text{Numerical Final Grade} = 70\% \text{ of Test Average} + 30\% \text{ of grade received at Final Exam}
\]

Numerical scores are translated into letter grades as follows:

Grade D minus begins at the score of 52, D begins at 56, D plus at 60.5, C minus at 65, C at 69.5, C plus at 74.5, B minus at 79.5, B at 83, B plus at 86.5, A minus at 90, A at 95.

**Comments:**

a) Always do your homework. Even if you are tired or very busy with other things. I strongly believe that homework is the best way of learning mathematics. When you do your homework never give up. Some problems may be difficult. You may get a wrong answer at first. Try again using a different approach. Even an unsuccessful try is helpful and beneficial.

Do not be embarrassed to turn in an imperfect homework. I often grade a homework as 'Pass' even though the answers are not quite correct but tries are presented. On the other hand, a student who simply attends classes but does no homework has a very slim chance to succeed.

b) Before major exams you will be able to download a worksheet from my web page [www.fiu.edu/~shorem](http://www.fiu.edu/~shorem)

Adobe Acrobat reader is necessary for using this site.

c) I will do my best to fit an optional quiz in the end of the semester. The optional quiz may replace a bad quiz grade or serve as a make up for a missed quiz.

d) Graphing calculators are not allowed. Use scientific calculator. *(This policy will be strongly enforced)*
e) Any academic dishonesty (that is cheating at exams, quizzes, and homework) will be severely punished. I do hope that this statement will not be relevant in your class.